



## LGT

### Level gauge-Tubular

Gauge is fitted between two end blocks through gland packing. The Gauge is mounted parallel to tank so as to form a close loop causing tank liquid to seek its level in gauge. Guards are provided in the form of tie-rods / C-channels around the gauges to protect it from accidental blows. End blocks have built-in isolating valve, Drain Valve & vent plug.

#### Application:

- Chemical / Petro-chemical,
- Fertilizer,
- Power Generation,
- Pharmaceutical,
- Automobile,
- Water/ waste water/ ETPs, Etc.

#### Features:

- Easy to Maintenance.
- Compact design for more visibility
- Available in various materials.

#### Specification:

|                           |                                                                         |
|---------------------------|-------------------------------------------------------------------------|
| Guard material            | : MS / SS304 / SS316 / FRP                                              |
| Wetted parts / End block  | : MS / SS304 / SS316 / SS316L / Polypropylene                           |
| Connection Type           | : Stub end Flange / Fixed Flange                                        |
| Connection MOC            | : MS / SS 304 / SS316 / Polypropylene                                   |
| Vent                      | : Plug / Needle valve / Ball valve                                      |
| Drain                     | : Plug / Needle valve / Ball valve                                      |
| Scale material            | : A: Aluminum S: SS304                                                  |
| Integrated Isolation      | : Without Valve / With Needle Valve / Needle Valve with Auto Ball Check |
| C-C distance              | : 300 to 3000 mm                                                        |
| Visibility                | : C-C distance- 90 mm.                                                  |
| Max operating temperature | : 150 °C (metallic) / 70 °C (PP)                                        |
| Max Pressure              | : 10 Bar (metallic) / 2bar (PP MOC.)                                    |

Model code (Example)

## How to order

**LGT**

### Guard Material:

**M**

M: MS      S: SS304      X: SS316      F: FRP      O: Other

### Wetted parts / End block Material:

**M**

M: MS      S: SS304      X: SS316      L:SS316L      P: Polypropylene      O: other *Wetted*

### Connection Type:

**S**

S: Stub end Flange      F: Fixed Flange      O: Other

### Connection MOC:

**M**

M: MS      S: SS 304      X: SS316      P: Polypropylene

In Stub end type design flange is non wetted parts & in fixed type design flange material is same as wetted parts)

### Process Connection :

**A0A**

Select XYZ form Table mentioned below.

### Table for Connection Size & Type.

| X | Y | SIZE   | Z | CONNECTION |
|---|---|--------|---|------------|
| X | 5 | 1/2"   | 1 | BSP(M)     |
| X | 7 | 3/4"   | 2 | BSP(F)     |
| A | 0 | 1"     | 3 | NPT(M)     |
| A | 5 | 1 1/2" | 4 | NPT(F)     |
| B | 0 | 2"     | A | 150#       |
| C | 0 | 3"     | B | 300#       |
| D | 0 | 4"     | C | 600#       |

For other connection please mention in Bracket (e.g. write "[ 20 NB PN10]")

### Vent: e.g. write "A[size from table]"

**P[X53]**

P: Plug      N: Needle valve      B: Ball valve      O: other      \*Standard size: 1/2" BSP

### Drain: e.g. write "A[size from table]"

**P[X53]**

P: Plug      N: Needle valve      B: Ball valve      O: other      \*Standard size: 1/2" BSP

### Scale material:

**A**

A: Aluminum      S: SS304      O: other

### Integrated Isolation:

**O**

O: Without Valve      W: With Needle Valve      B: Needle Valve with Auto Ball Check

### Range/ C-C distance:

**XXX**

Specify in mm (e.g. write 500 for 500mm C-C distance)

#### Note:

- Model code mentioned in Example is our standard specification.
- For any other custom requirement please mention in bracket "[ ]".